Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002139.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN072518

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:38 AM

Quant Time: Jul 25 20:09:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	204326	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	873020	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	468508	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	967339	20.00	ng		0.00
75) Chrysene-d12	21.28	240	888594	20.00	ng		0.00
86) Perylene-d12	23.52	264	862637	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	987755	77.83	ng		0.00
7) Phenol-d6	6.88	99	1356666	76.17	ng		0.00
23) Nitrobenzene-d5	8.84	82	1317632	77.40	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	450050	73.98	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	2873592	79.89	ng		0.00
78) Terphenyl-d14	19.72	244	3124721	73.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	187183	39.286	ng	#	80
3) Pyridine	3.66	79	551057	39.927	ng	#	72
4) n-Nitrosodimethylamine	3.58	42	219044	36.999	ng	#	76
6) Aniline	7.03	93	825144	37.926	ng		98
8) 2-Chlorophenol	7.26	128	563009	38.251	ng		94
9) Benzaldehyde	6.84	77	422299	38.500	ng		92
10) Phenol	6.90	94	695466	38.094	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	572145	38.504	ng		94
12) 1,3-Dichlorobenzene	7.58	146	643925	38.388	ng		99
13) 1,4-Dichlorobenzene	7.73	146	656065	38.231	ng		96
14) 1,2-Dichlorobenzene	8.04	146	624709	37.736	ng		97
15) Benzyl Alcohol	7.93	79	496964	36.978	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	889075	37.052	ng		91
17) 2-Methylphenol	8.13	107	467759	37.530	ng		95
18) Hexachloroethane	8.76	117	241979	38.529	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	466082	36.078	ng	#	97
20) 3+4-Methylphenols	8.46	107	650885	37.430	ng		95
22) Acetophenone	8.50	105	863519	38.149	ng	#	96
24) Nitrobenzene	8.88	77	679170	38.496	ng		95
25) Isophorone	9.40	82	1084402	37.099	ng		96
26) 2-Nitrophenol	9.59	139	329824	38.700	ng		94
27) 2,4-Dimethylphenol	9.65	122	452090	38.142	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	711317	37.673	ng		96
29) 2,4-Dichlorophenol	10.12	162	528736	38.255	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	599645	38.309	ng		98
31) Naphthalene	10.52	128	1676058	38.040	ng		98
32) Benzoic acid	9.80	122	362033m	36.000	ng		
33) 4-Chloroaniline	10.63	127	735245	37.505	ng		97
34) Hexachlorobutadiene	10.80	225	370384	38.640	ng		97
35) Caprolactam	11.40	113	166071	35.208	ng	#	65
36) 4-Chloro-3-methylphenol	11.76	107	573619	36.499	ng		95
37) 2-Methylnaphthalene	12.13	142	1160151	37.335	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	629934	39.987	ng		99
40) Hexachlorocyclopentadiene	12.48	237	374669	42.111	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	422339	39.958	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	439864	39.287	ng		97
45) 1,1'-Biphenyl	13.15	154	1623068	39.369	ng		99
46) 2-Chloronaphthalene	13.19	162	1264440	39.734	ng		98
47) 2-Nitroaniline	13.40	65	393581	38.437	ng		93
48) Acenaphthylene	14.05	152	1869199	38.708	ng		98
49) Dimethylphthalate	13.79	163	1457341	37.447	ng		100
50) 2,6-Dinitrotoluene	13.90	165	334011	38.631	ng		91
51) Acenaphthene	14.39	154	1132658	38.939	ng		99
52) 3-Nitroaniline	14.23	138	353761	37.762	ng	#	86
53) 2,4-Dinitrophenol	14.45	184	165472	36.144	ng		98
54) Dibenzofuran	14.73	168	1789832	37.952	ng		96
55) 4-Nitrophenol	14.55	139	271578	37.760	ng		88
56) 2,4-Dinitrotoluene	14.70	165	439195	37.428	ng		87
57) Fluorene	15.37	166	1339337	37.679	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.96	232	356472	37.021	ng		94
59) Diethylphthalate	15.16	149	1445894	36.502	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	736731	37.456	ng		95
61) 4-Nitroaniline	15.40	138	359632	37.659	ng		90
62) Azobenzene	15.67	77	1426277	37.526	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	257045	39.359	ng		99
65) n-Nitrosodiphenylamine	15.59	169	1234730	38.466	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	439749	38.832	ng		94
67) Hexachlorobenzene	16.38	284	476858	38.070	ng		97
68) Atrazine	16.55	200	416242	38.516	ng		96
69) Pentachlorophenol	16.73	266	311556	38.642	ng		98
70) Phenanthrene	17.12	178	1988619	37.662	ng		99
71) Anthracene	17.20	178	1989224	38.063	ng		98
72) Carbazole	17.48	167	1971556	37.597	ng		97
73) Di-n-butylphthalate	18.05	149	2319405	37.918	ng		99
74) Fluoranthene	19.14	202	2163346	37.736	ng		98
76) Benzidine	19.33	184	1051195	36.271	ng		95
77) Pyrene	19.50	202	2243081	36.604	ng		99
79) Butylbenzylphthalate	20.42	149	993679	37.251	ng		91
80) Benzo(a)anthracene	21.27	228	2009487	37.103	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	798243	37.832	ng		99
82) Chrysene	21.32	228	1925567	37.341	ng		97
83) Bis(2-ethylhexyl)phthalate	21.21	149	1426040	38.337	ng		97
84) Di-n-octyl phthalate	22.09	149	2325570	39.430	ng		97
85) Indeno(1,2,3-cd)pyrene	25.75	276	2092910	41.629	ng	#	95
87) Benzo(b)fluoranthene	22.85	252	1925063	37.813	ng		98
88) Benzo(k)fluoranthene	22.90	252	1855024	36.998	ng		98
89) Benzo(a)pyrene	23.42	252	1804121	37.945	ng	#	98
90) Dibenzo(a,h)anthracene	25.76	278	1765346	39.547	ng	#	96
91) Benzo(g,h,i)perylene	26.43	276	1720385	39.879	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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